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FIG. 1

```

At5g10410  -----MEG--TGVVAVYGNGAITEAK-KSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE 52
At2g38230  -----MAG--TGVVAVYGEAMTETKQKSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE 53
At3g16050  MADQAMTDQDQGAVTLYSGTAITDAKKNHPFSVKVGLAQVLRGGAIVEVSSVNQAKLAES 60
snz3       -----MS-----EFKVKTGLAQMLKGGVIMDVVTPEQAIIEAER 33
snz2       -----MS-----EFKVKTGLAQMLKGGVIMDVVTPEQAIIEAER 33
snz1       -----MTG-----EDFKIKSGLAQMLKGGVIMDVVTPEQAKIAEK 35
          *                               * . : * * : * : * : * : * : * : * : * :

At5g10410  AGACAVMALERVPADIRAQGGVARMSDPQMIKEIKQAVTIPVMAKARIGHFVEAQILEAI 112
At2g38230  AGACAVMALERVPADIRAQGGVARMSDPEMIKEIKNAV TIPVMAKARIGHFVEAQILEAI 113
At3g16050  AGACSVIVSD----PVRSRGGVRRMPDPVLKEVKRAVSVPVMAARVGHFVEAQILESL 116
snz3       AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL 93
snz2       AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL 93
snz1       SGACAVMALESIPADMRKSGKVC RMSDPKMIKDIMNSVSIPVMAKVRIGHFVEAQIIEAL 95
          : * : * : * : * : * : * : * : * : * : * : * : * : * : * : * :

At5g10410  GIDYIDSEVLT LADEDHHINKHNFRIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG 171
At2g38230  GVDYVDESEVLT LADEDNHINKHNFKIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG 172
At3g16050  AVDYIDSEIISVADDDHFINKHNFRSPFICGCRDTGEALRRIREGAAMIRIQGDLTATG 176
snz3       QVDYIDSEVLT PADWTHHIEKHNFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 152
snz2       QVDYIDSEVLT PADWTHHIEKHNFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 152
snz1       EVDYIDSEVLT PADWTHHIEKDKFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 154
          : * : * : * : * : * : * : * : * : * : * : * : * : * : * : * :

At5g10410  NIEAVRHVRSVNGDIRVLRN--MDDDEVFTFAKKLAAPYDLVMQTKQLGRLPVVQFAAG 229
At2g38230  NVVEAVRHVRSVNGAIRLLRS--MDDDEVFTYAKKIAAPYDLVVQTKELGRLPVVQFAAG 230
At3g16050  NIAETVKNVRS LMG EVRVLNN--MDDDEVFTFAKKISAPYDLVAQTKQMG RVPVVQFASG 234
snz3       DVSEAVKHITKIKAEIQYKENLKTESDFAAKATELRVPVDLLKTTLSEGKLPVVNF AAG 212
snz2       DVSEAVKHITKIKAEIQYKENLKTESDFAAKATELRVPVDLLKTTLSEGKLPVVNF AAG 212
snz1       DVSEAVKHIRRITEEIKACQQ-LKSEDDIAKVAEEMRVPVSLLDVLEKGLP VVNFAAG 213
          : : * : * : * : * : * : * : * : * : * : * : * : * : * : * :

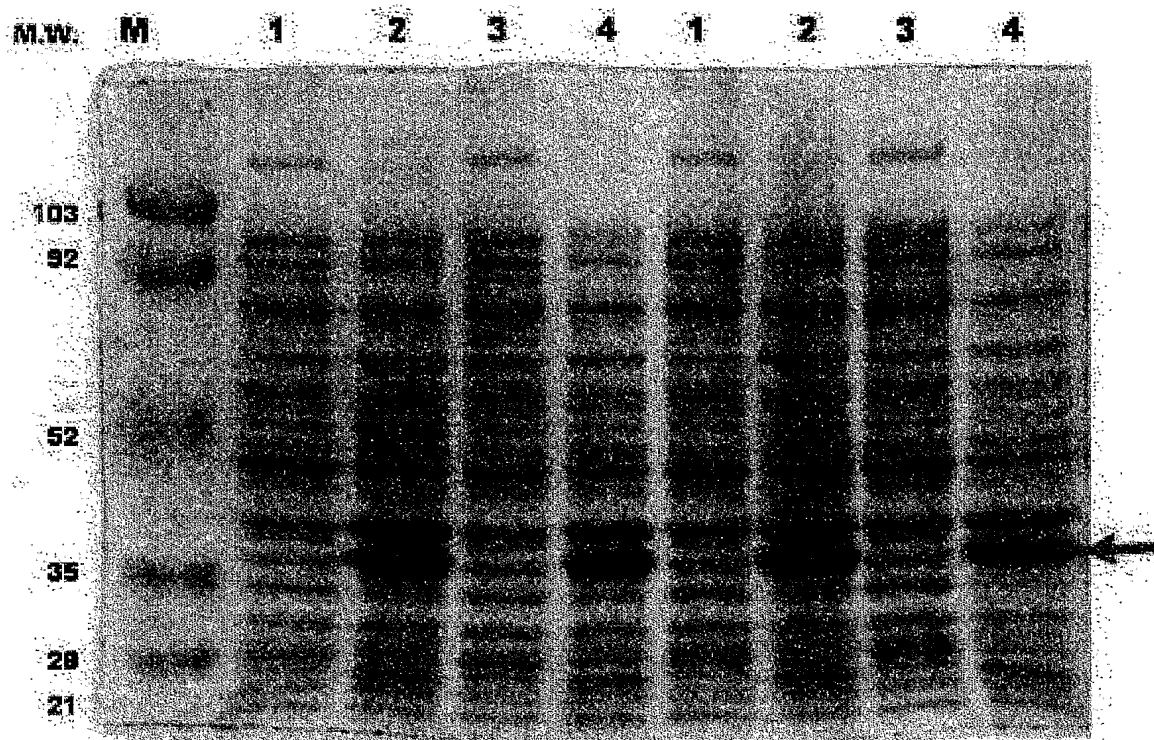
At5g10410  GVATPADAALMMQLGCDGVFVSGGIFKSGDPARRARAIVQAVTHYSDEPLVEVSCGLGE 289
At2g38230  GVATPADAALMMQLGCDGVFVSGGVFKSGDPVKRAKAIQAVTNYRDAAVLAEVSCGLGE 290
At3g16050  GITTPADAALMMQLGCDGVFVSGSEVFDGDPFKKLRSIVQAVQHYNDPHVLAEMSSGLEN 294
snz3       GVATPADAALLMQLGCEGVFVSGGIFKSSDPEKLACAIVEATTHYDNPAKLLQVSSDLGD 272
snz2       GVATPADAALLMQLGCEGVFVSGGIFKSSDPEKLACAIVEATTHYDNPAKLLQISSDLGD 272
snz1       GVATPADAALLMQLGCDGVFVSGGIFKSSNPFVRLATAVVEATTHFDNPSKLLLEVSSDLGE 273
          * : * : * : * : * : * : * : * : * : * : * : * : * : * : * :

At5g10410  AMVGINLNDEKVERFANRSE----- 309
At2g38230  AMVGLNLDD-KVERFASRSE----- 309
At3g16050  AMESLNVRGDRIQDFGQGSV----- 314
snz3       LMGGISIQSINEAGGKNGARLSEIGW 298
snz2       LMGGISIQSINEAGGKNGARLSEIGW 298
snz1       LMGGVSIESISHAS--NGVRLSEIGW 297
          * . : . : .

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FIG. 2



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FIG. 3A

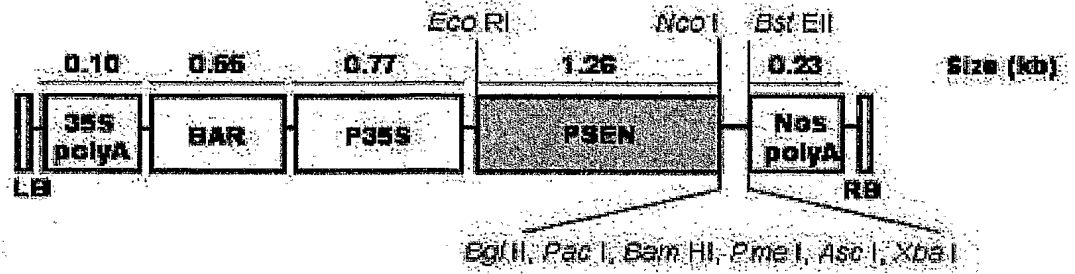
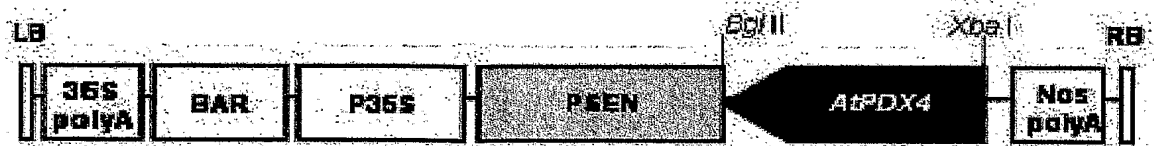


FIG. 3B



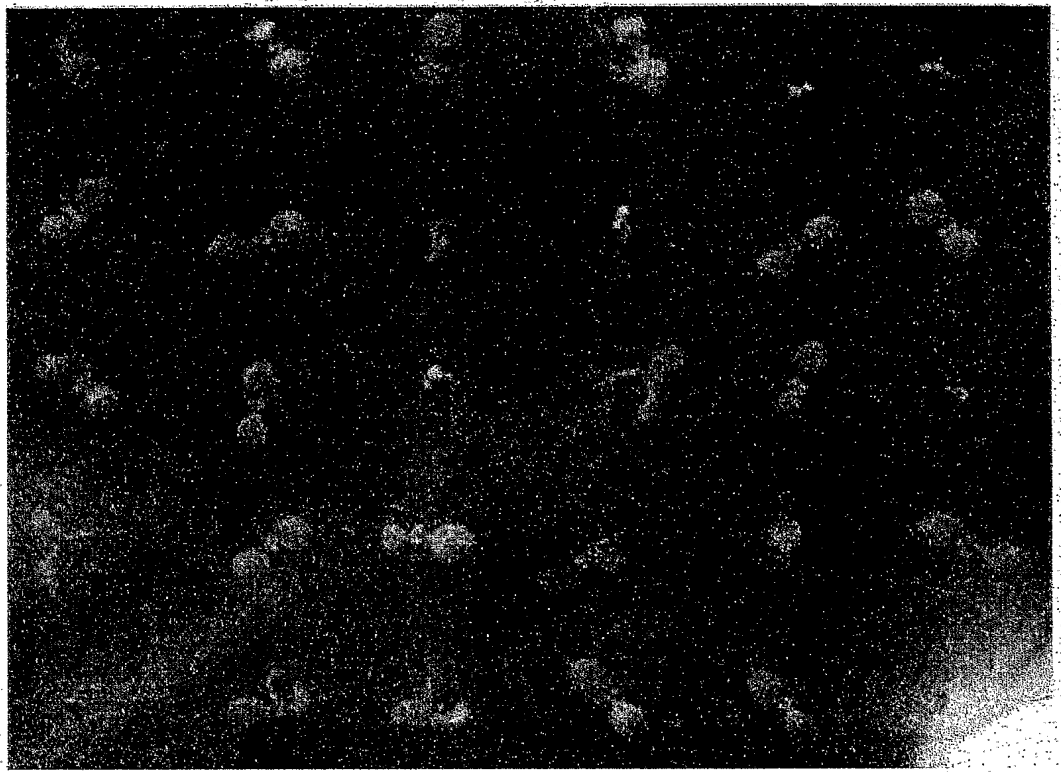
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FIG. 4



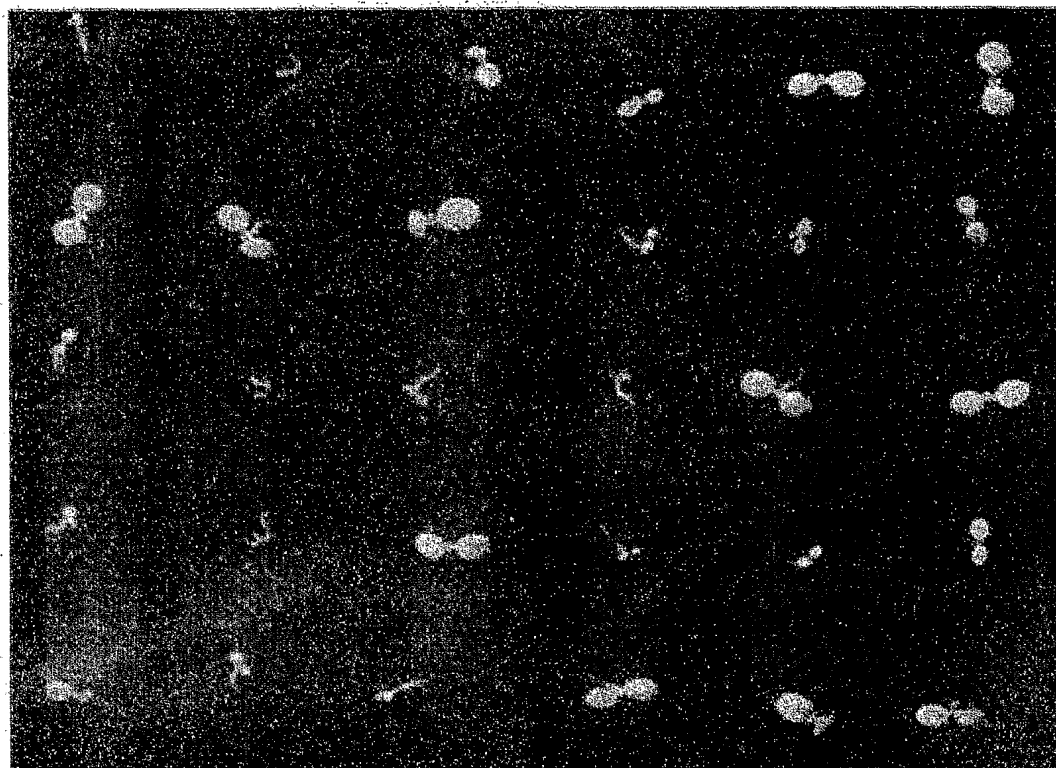
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FIG. 5A



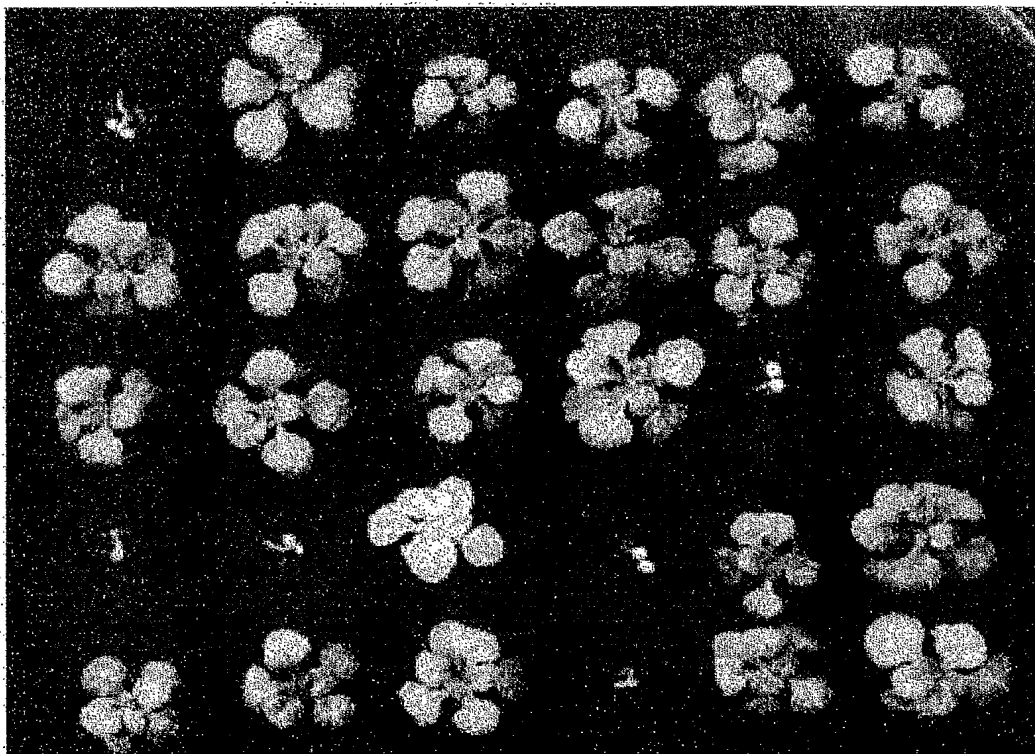
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FIG. 5B



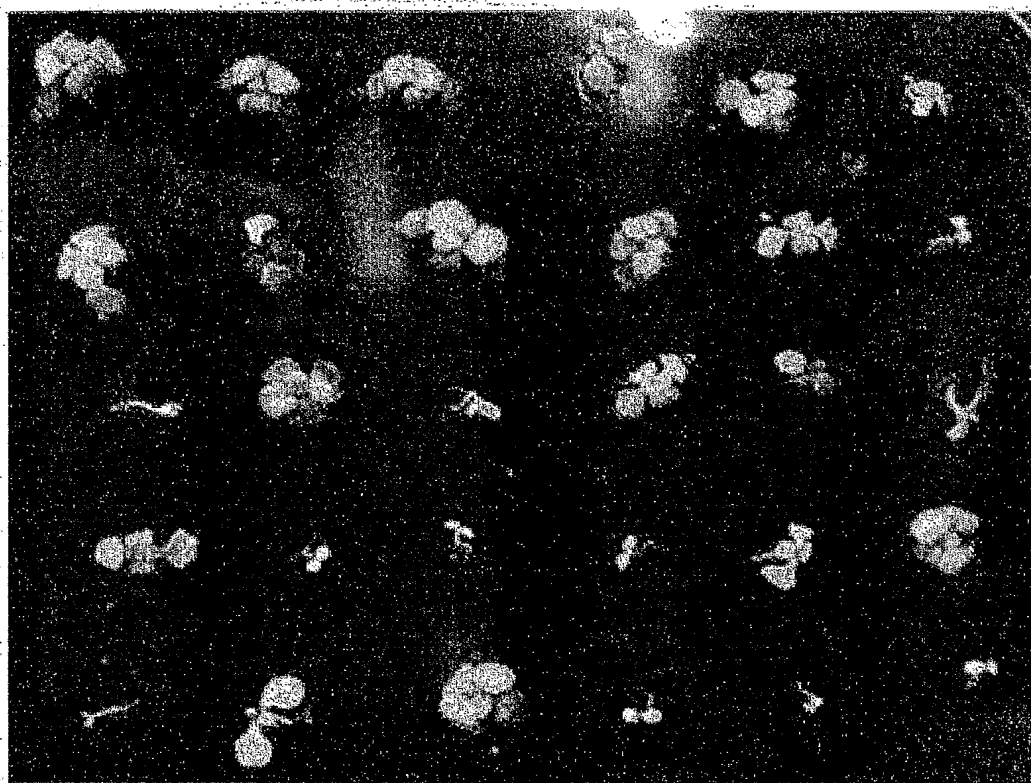
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FIG. 5C



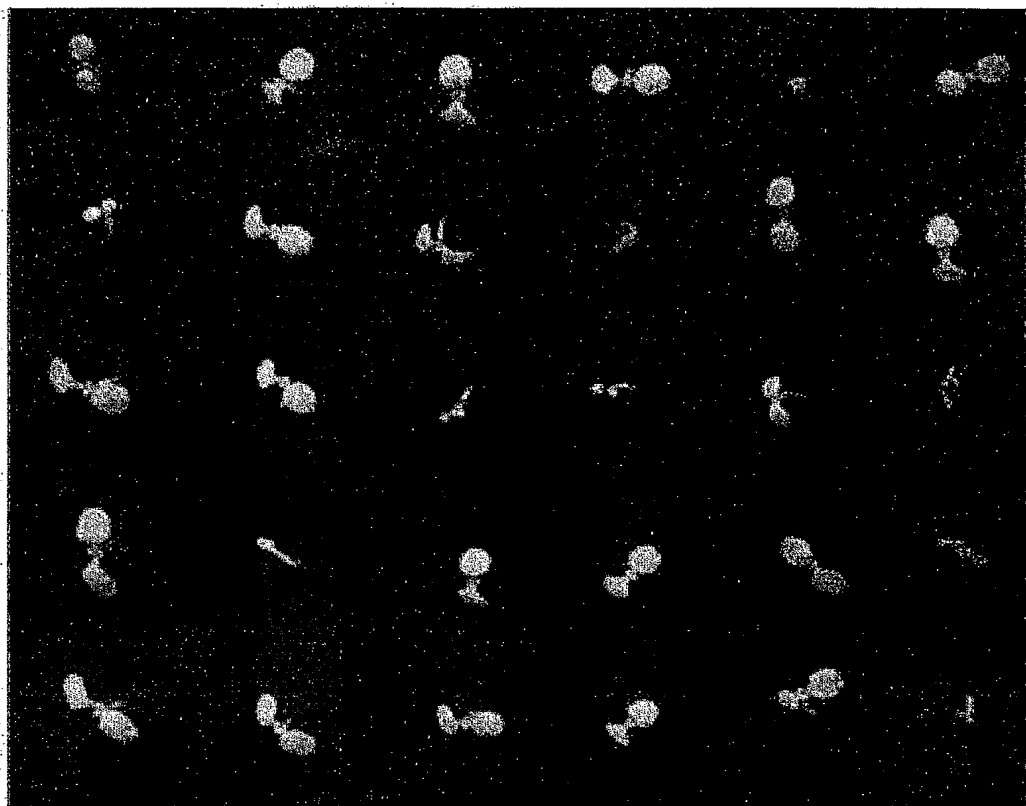
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FIG. 5D



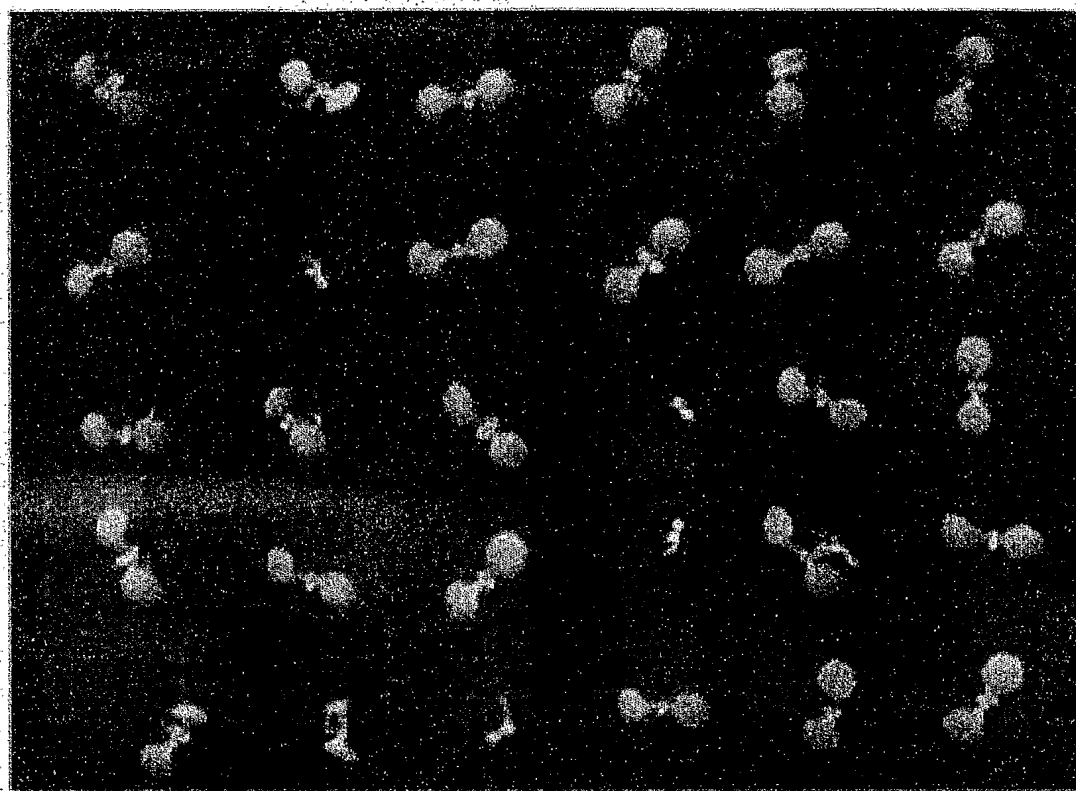
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FIG. 6A



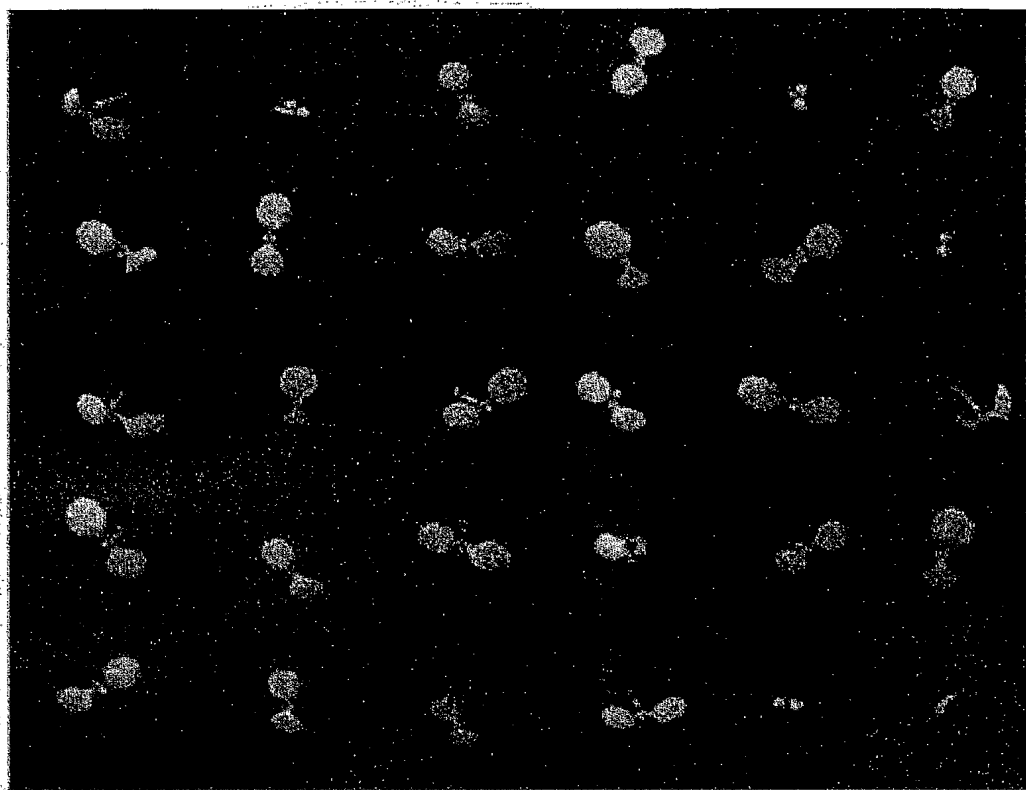
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FIG. 6B



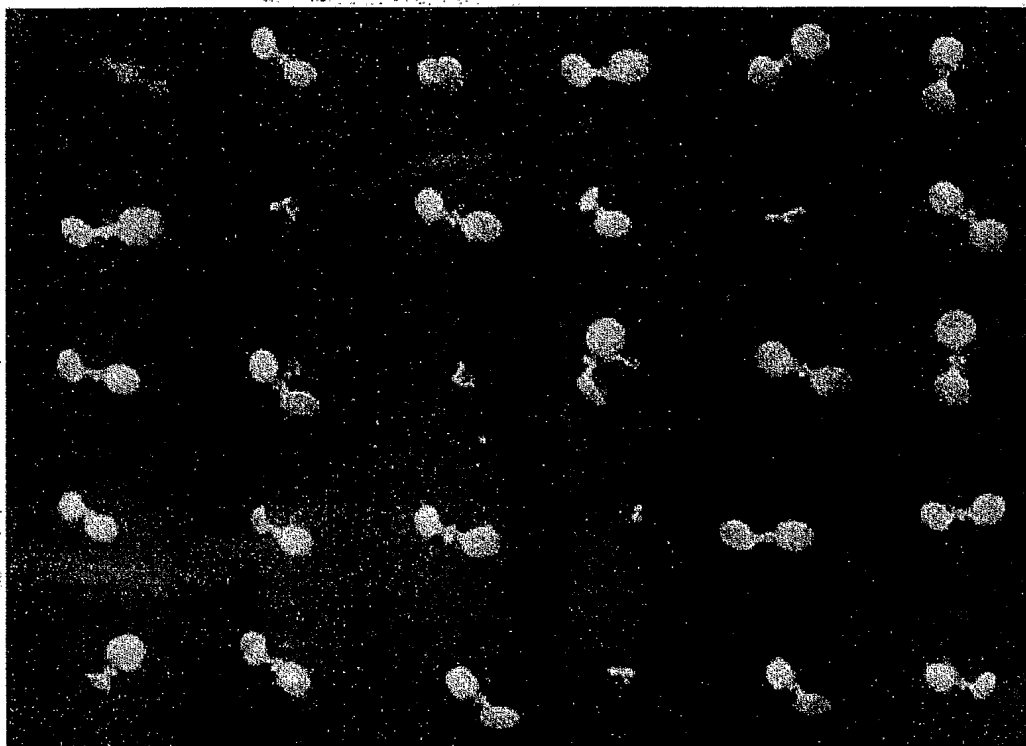
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FIG. 6C



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FIG. 6D



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FIG. 6E

